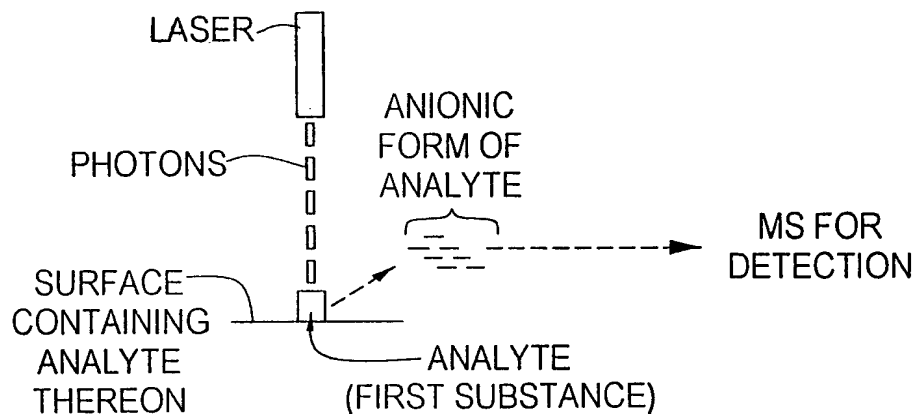


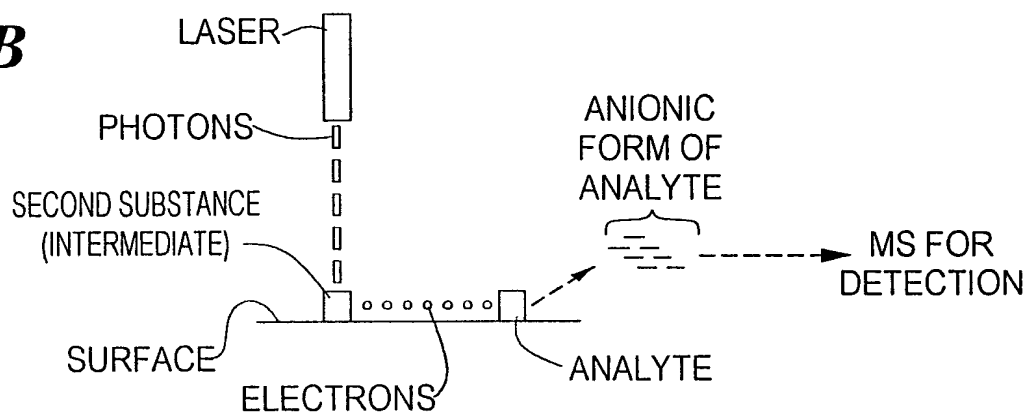
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FIG. 1A



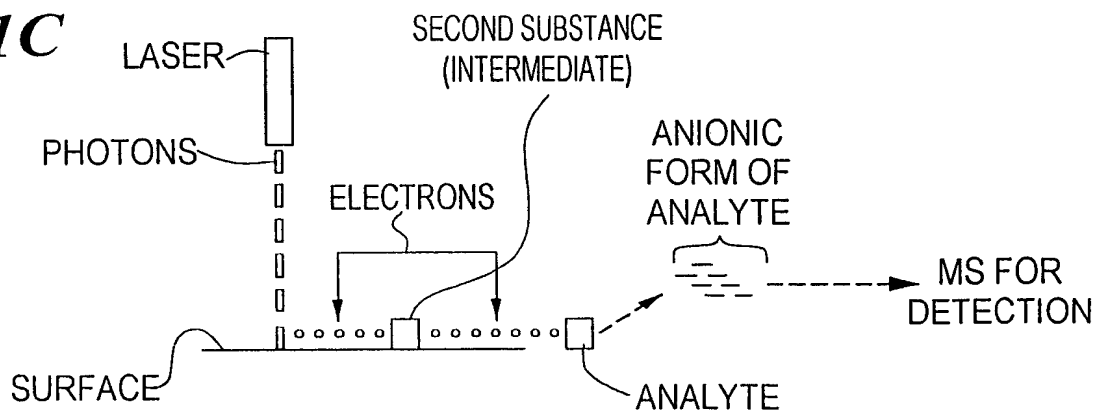
ELECTRONS FROM SURFACE TO ANALYTE

FIG. 1B



ELECTRONS FROM INTERMEDIATE TO ANALYTE

FIG. 1C



ELECTRONS FROM SURFACE TO INTERMEDIATE TO ANALYTE

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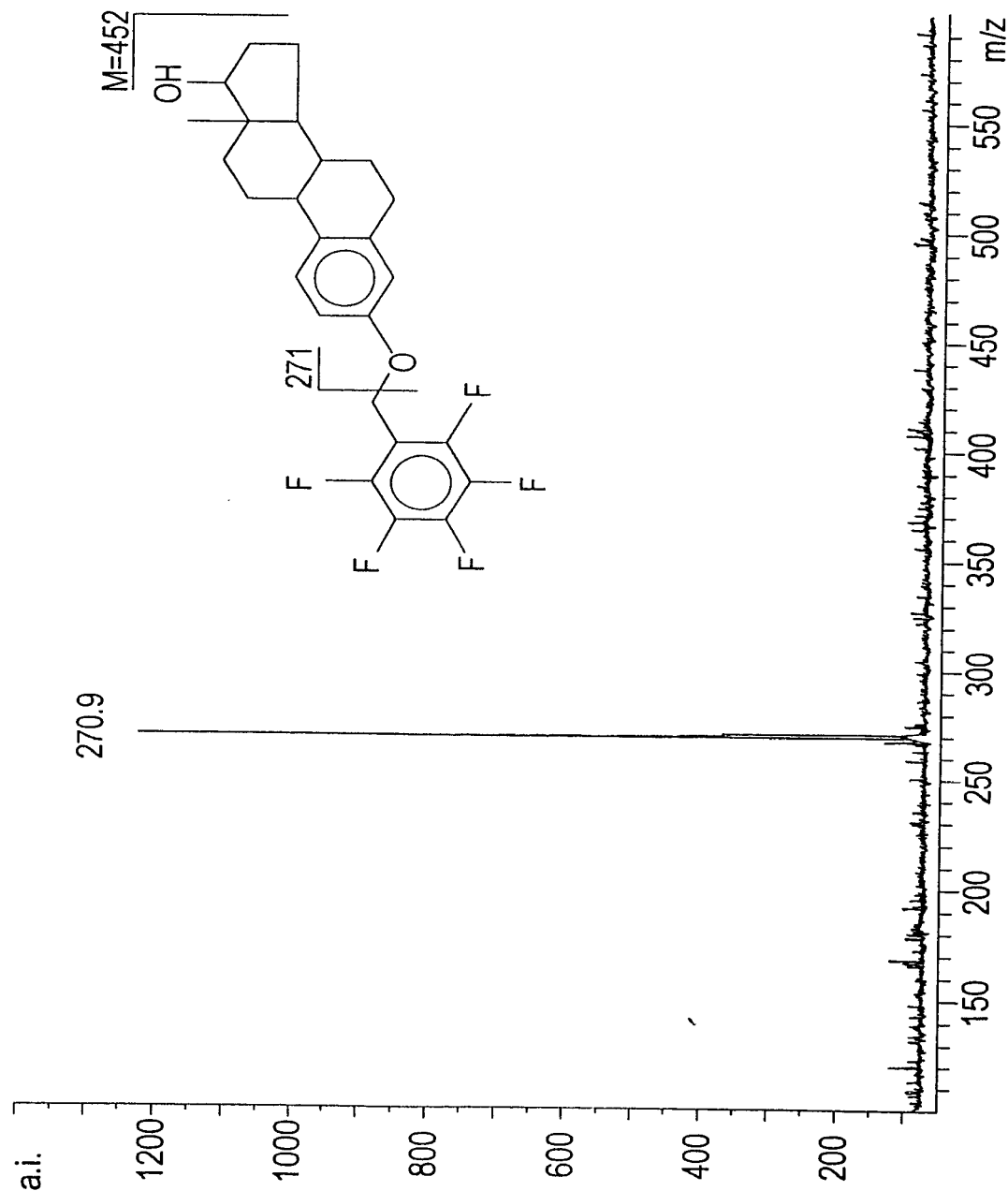


FIG. 2

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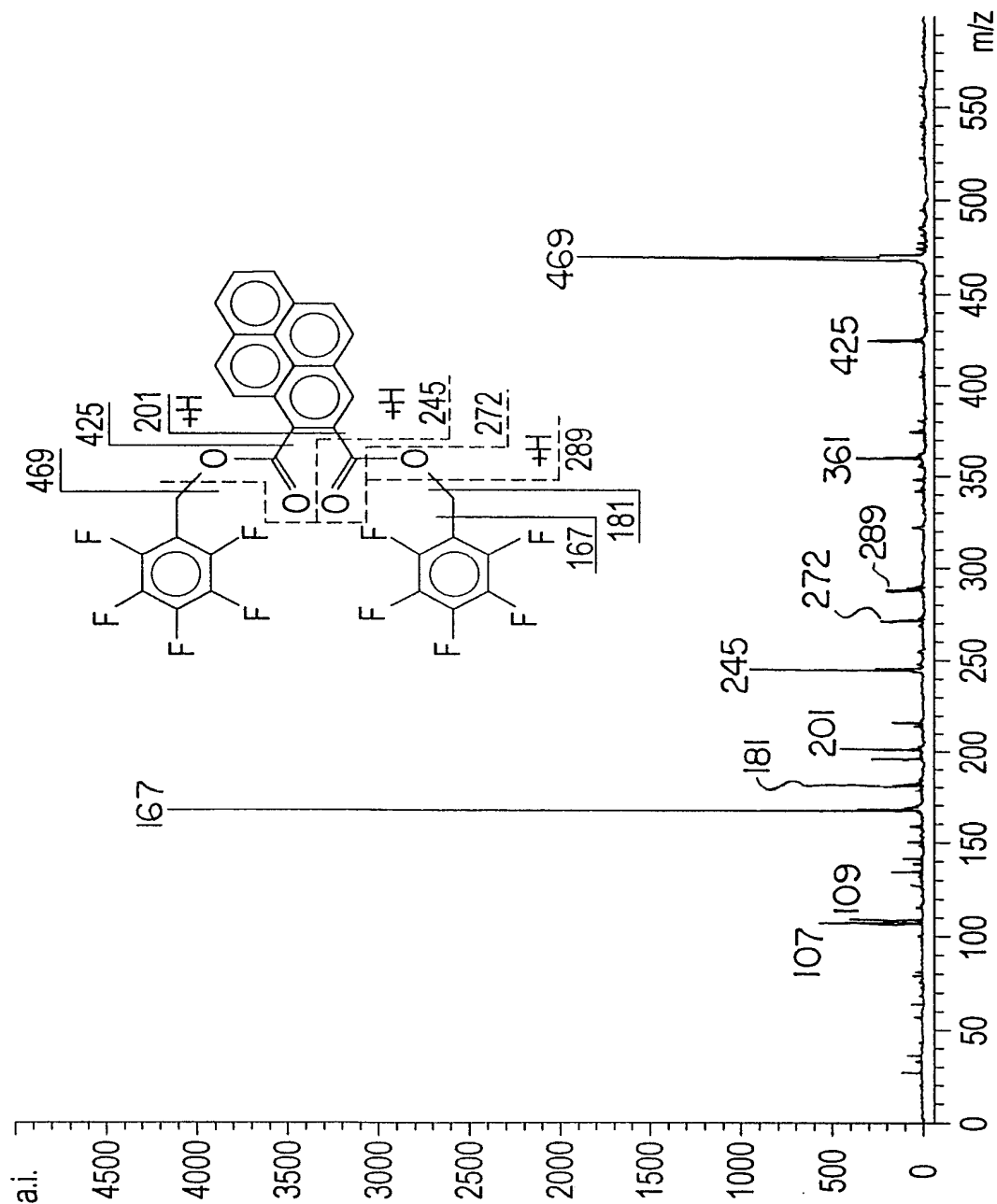


FIG. 3

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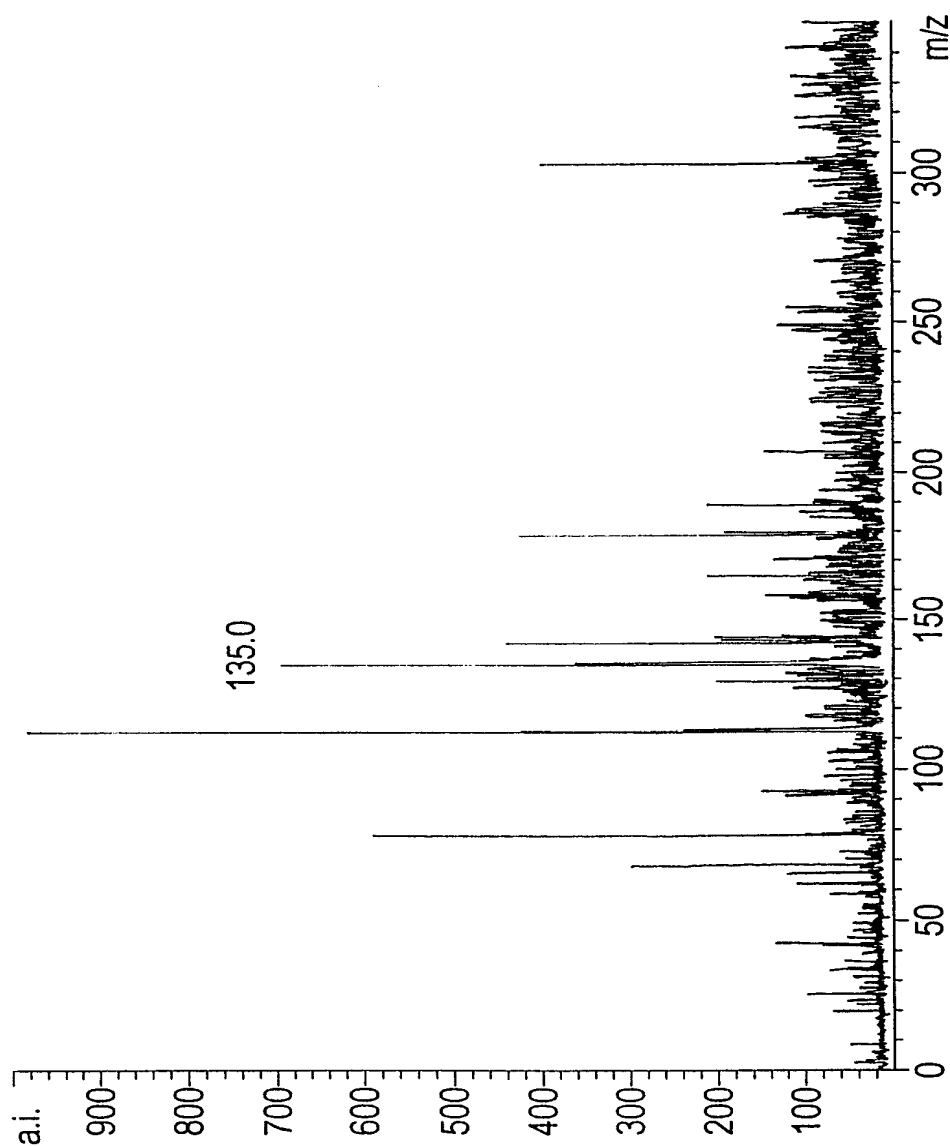


FIG. 4A

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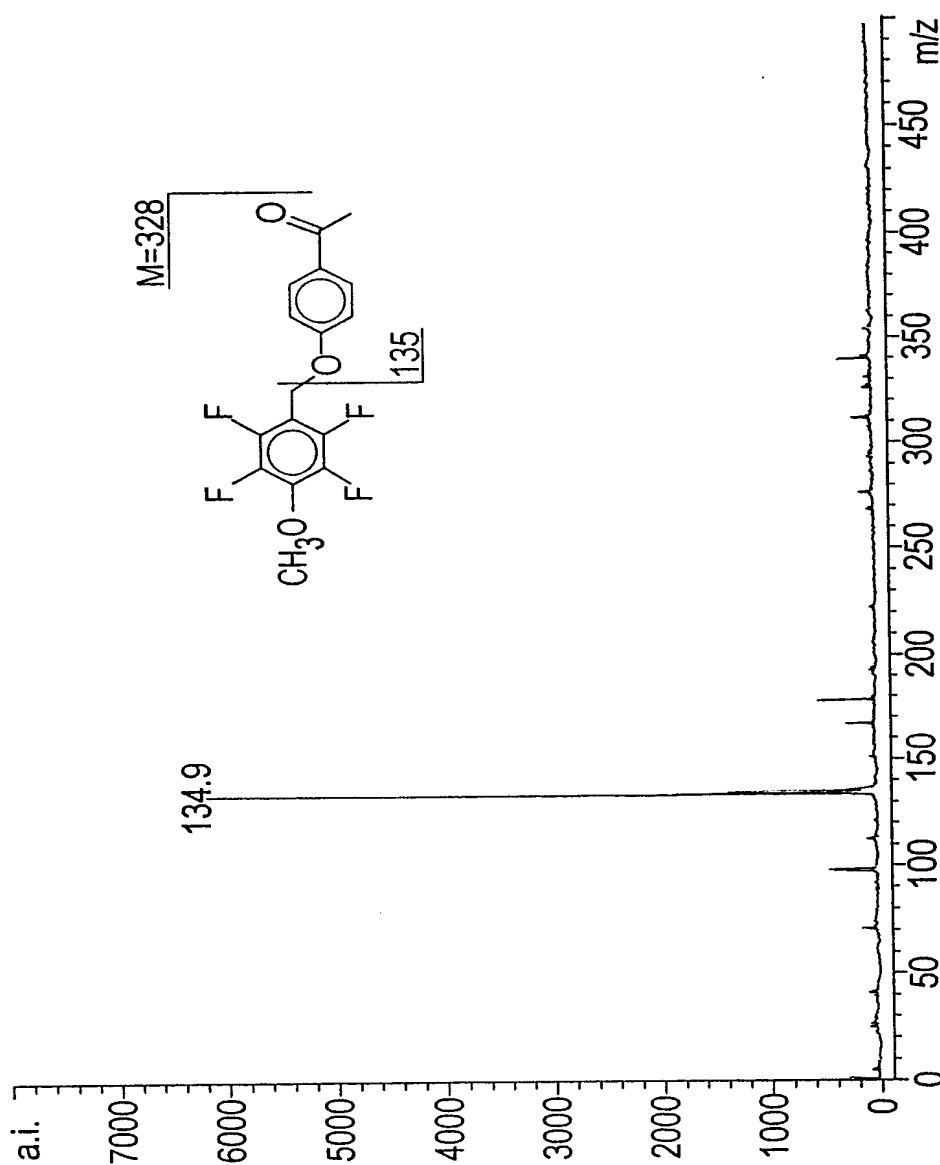


FIG. 4B

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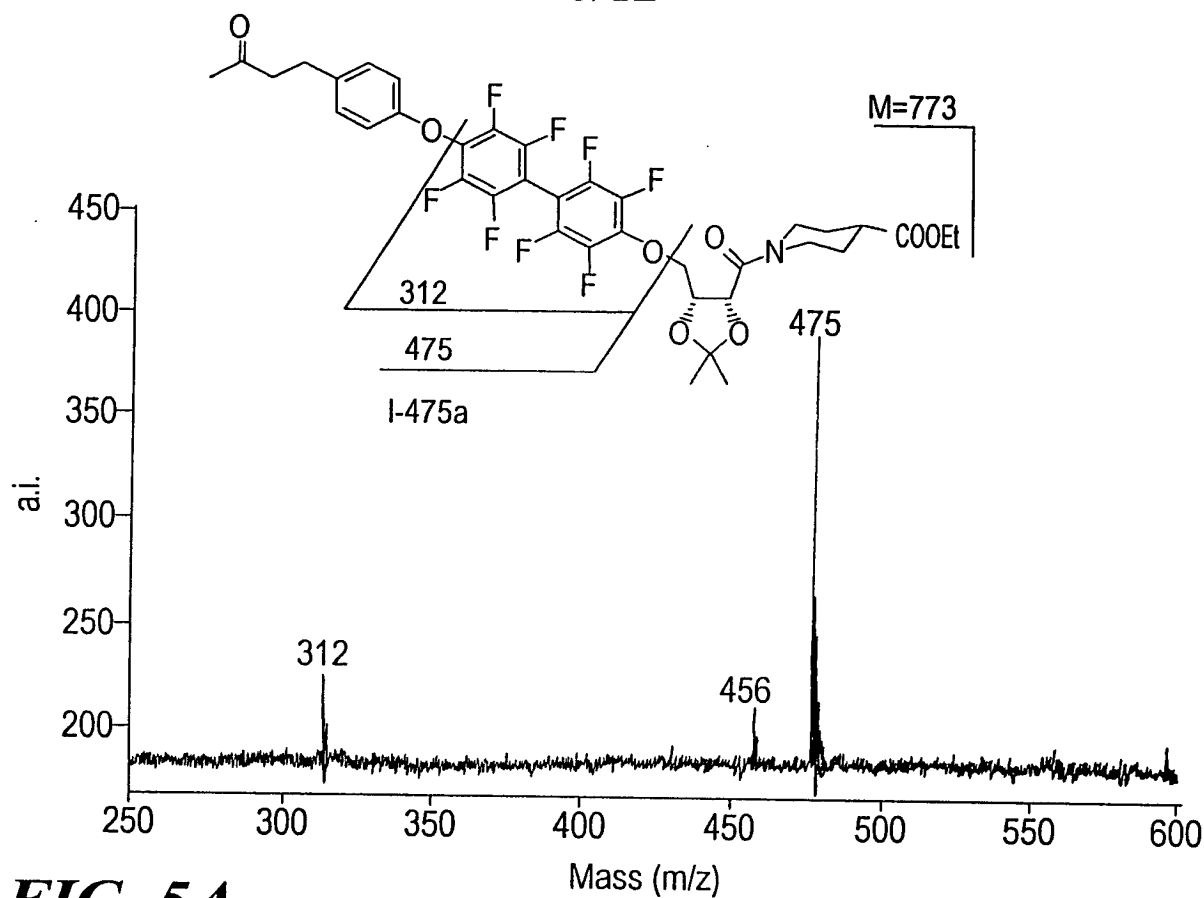


FIG. 5A

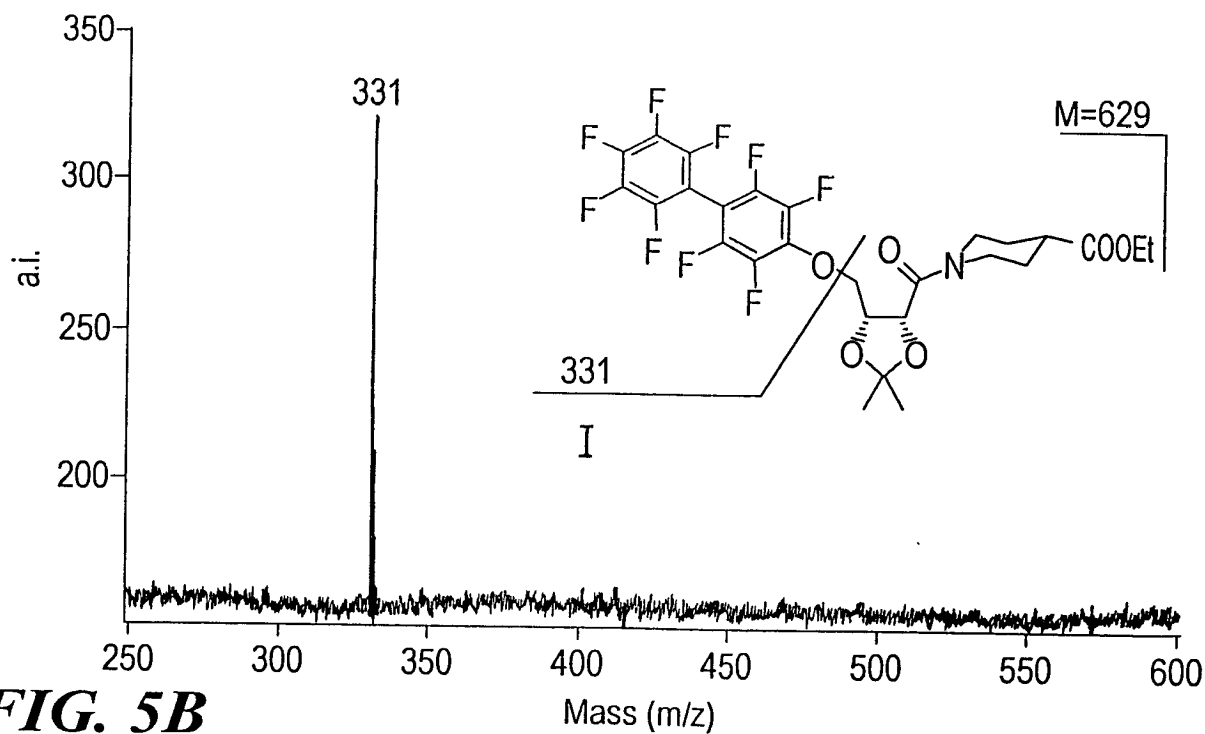


FIG. 5B

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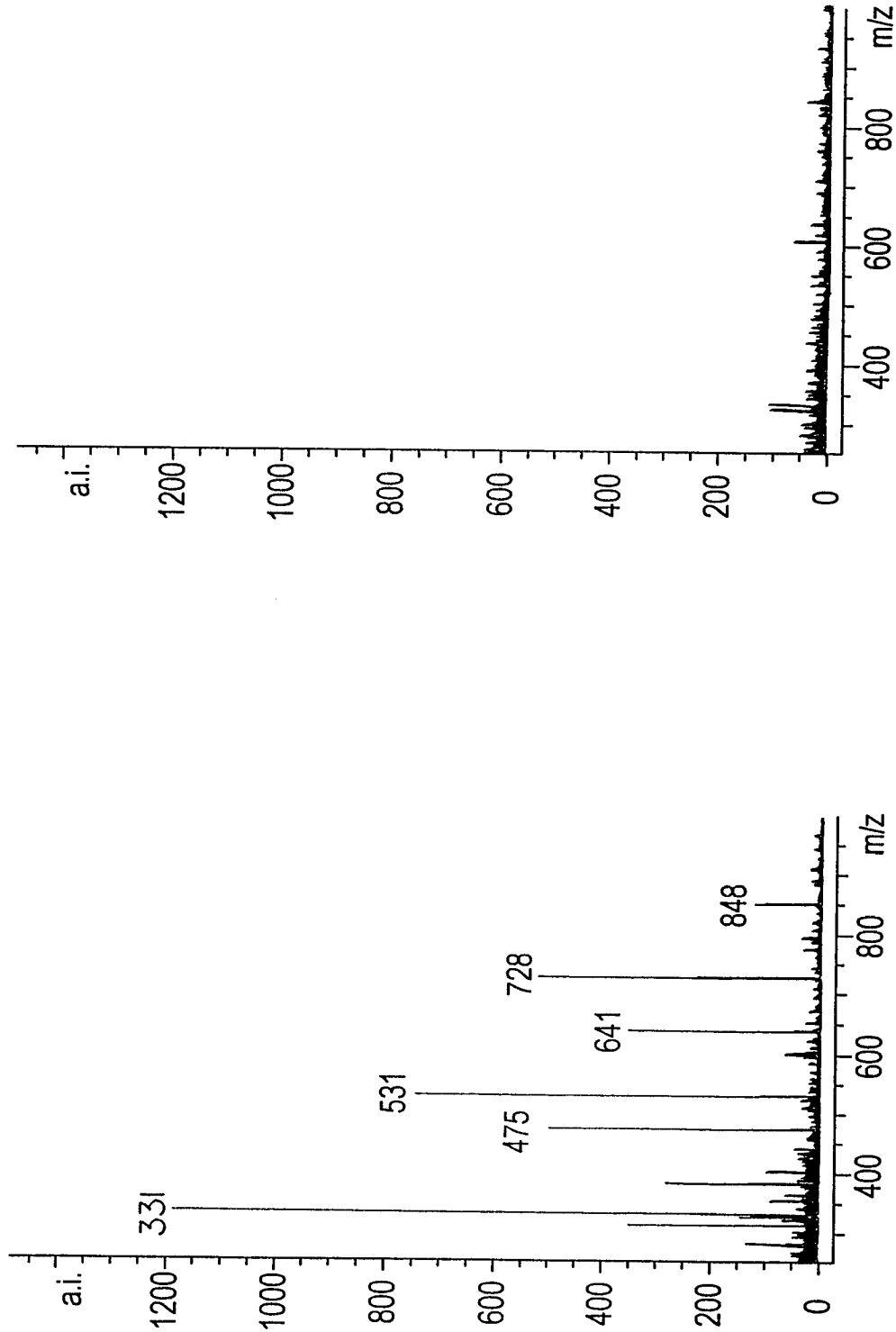
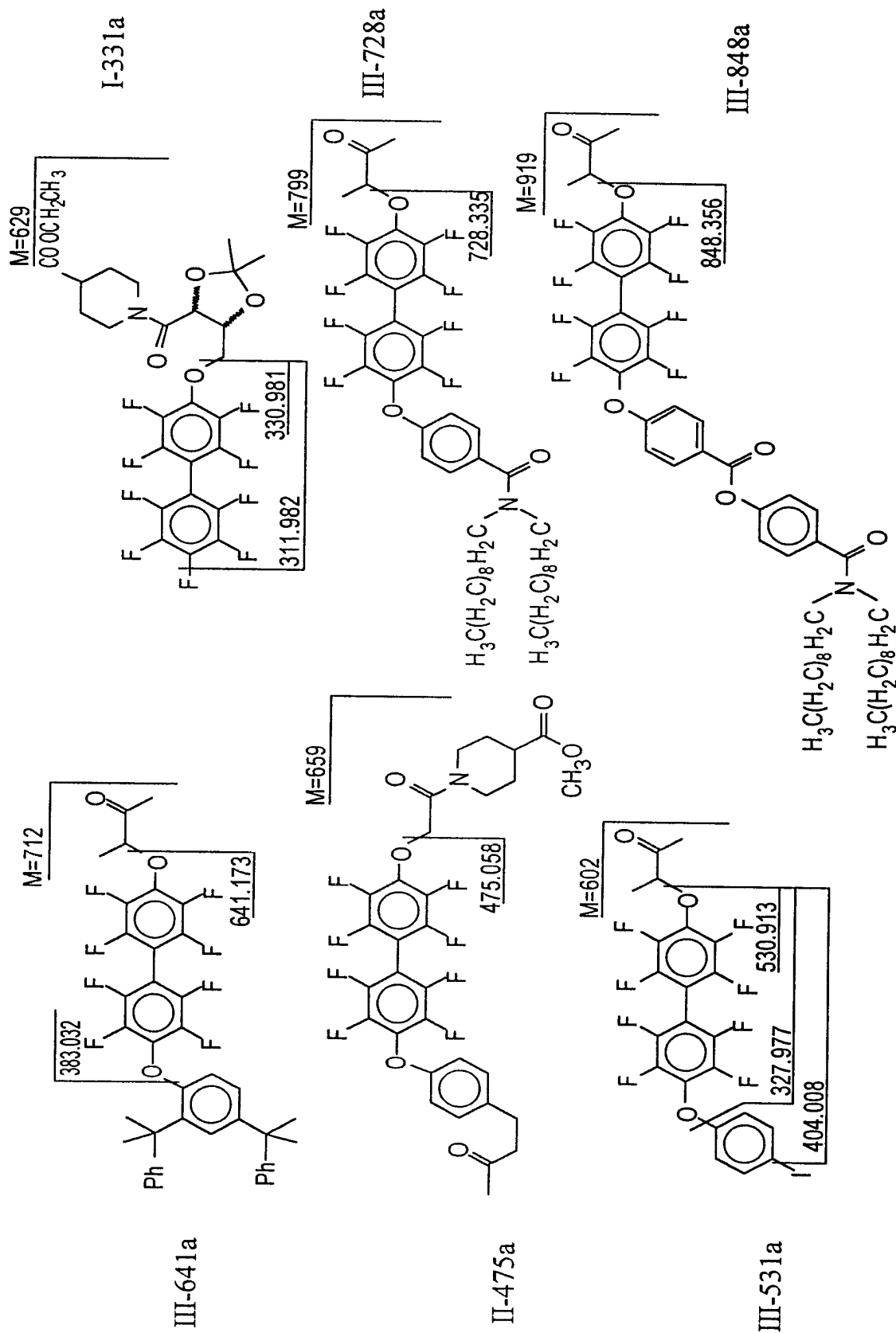


FIG. 6B

FIG. 6A

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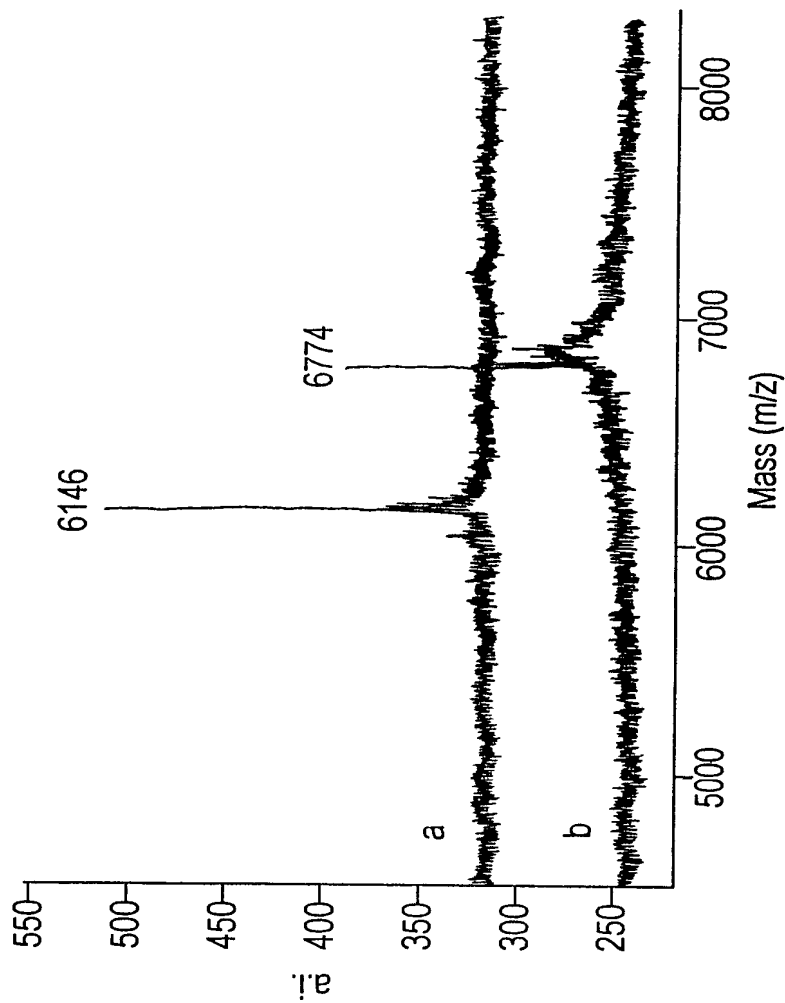


FIG. 7A

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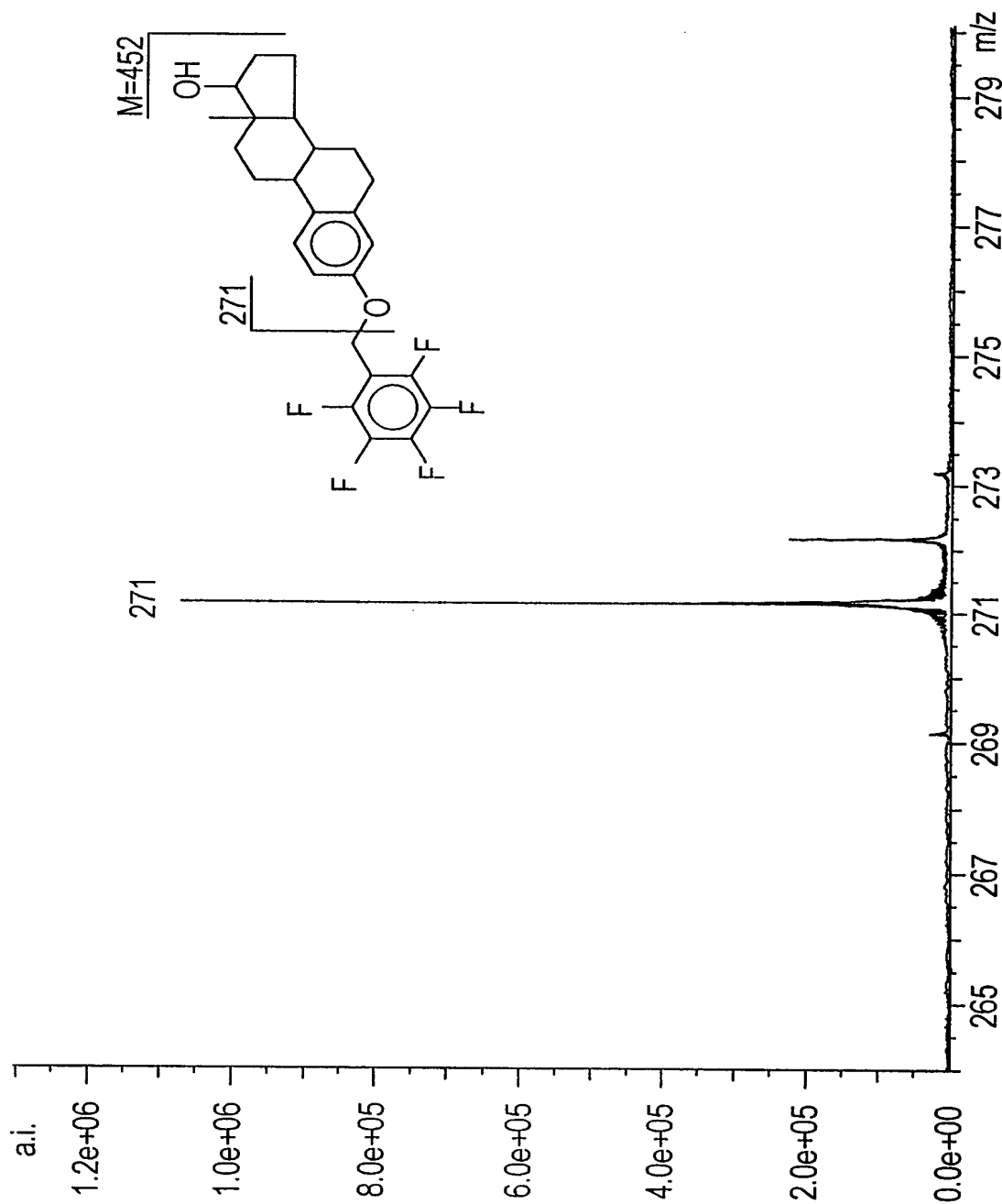


FIG. 8

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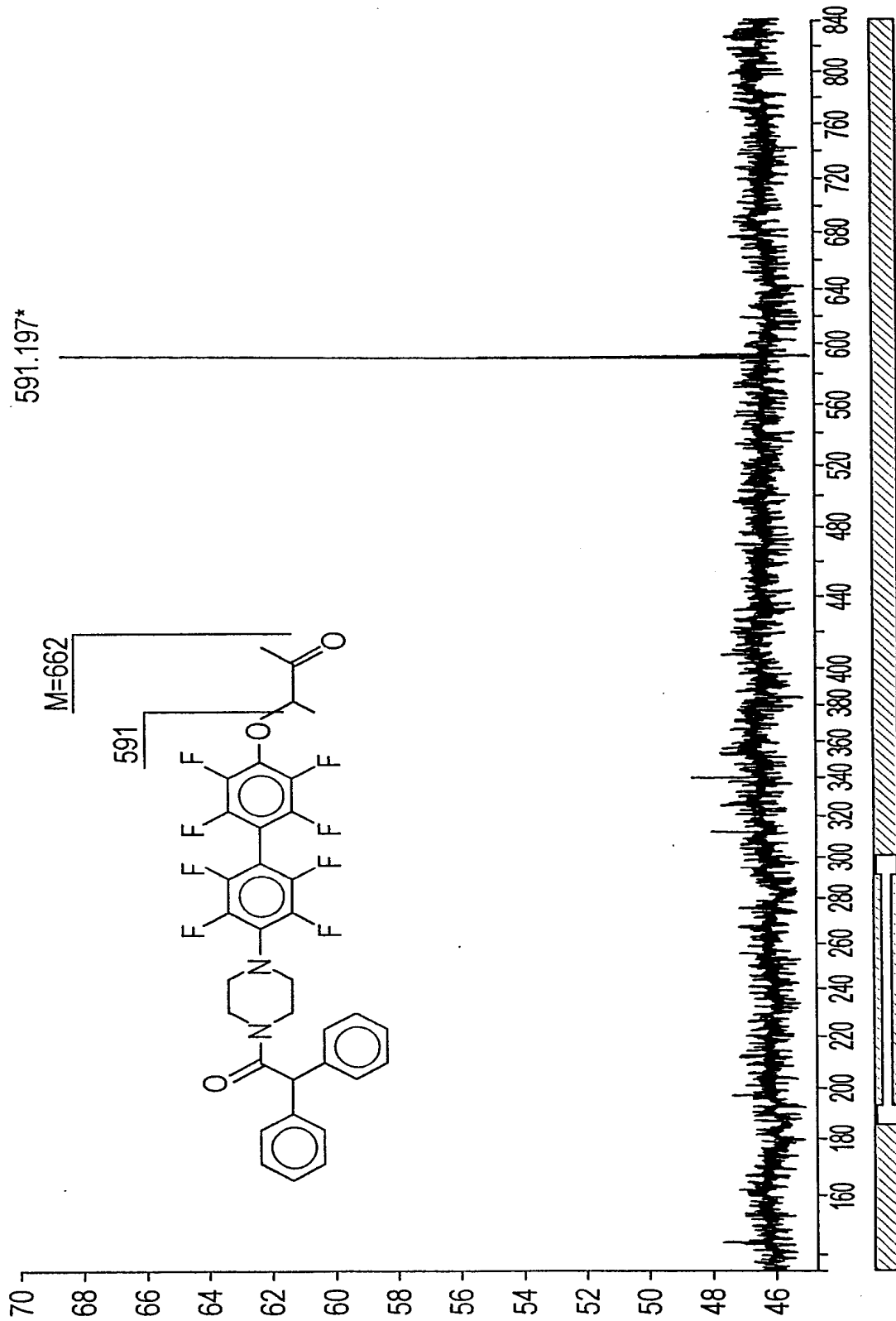


FIG. 9